Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11584	((385/31) or (385/33-35) or (385/47) or (385/16) or (385/18) or (385/24) or (385/60) or (385/61) or (385/72-74) or (385/77-79) or (385/89) or (385/93) or (385/119)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L2	1312	L1 and ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L3	1150	L2 and (distance or length or separation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L4	1128	L3 and ((optical or optic) near2 (fiber or fibers or fibre or fibres))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L5	573	L4 and (mirror or dichroic)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L6	388	L4 and ((lens or lenses) near2 (length or thickness))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L7	2	("2004/0114862").URPN.	USPAT	OR	OFF	2005/11/15 20:40
L8	16	("20040114862" | "5400133" | "5466815" | "5500911" | "5659645" | "5732172" | "5774607" | "5841591" | "5937123" | "6056437" | "6168318" | "6179483" | "6215853" | "6400867" | "6404954" | "6512868").PN. OR ("6836370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L9	0	("2002/0181824").URPN.	USPAT	OR	OFF	2005/11/15 20:40
L10	6	("6404951" | "6442310" | "6483961" | "6487334").PN. OR ("6625352"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L11	17	("5446815" | "5682452" | "5692081" | "5737104" | "5857048" | "5917626" | "6023542" | "6084994" | "6122110" | "6148126" | "6168319" | "6185347" | "6192175" | "6229934" | "6246812" | "6249625").PN. OR ("6567586"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L12	23	("4239332" | "4290667" | "4378144" | "4420219" | "4611885" | "4641915" | "4818052" | "4896935" | "4961622" | "5359683" | "5420946" | "5479541"). PN. OR ("5611009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40

L13	379	L5 not L6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L14	1	("5845023").PN. OR ("6157485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L15	18	("4946239" | "5117473" | "5177803" | "5371816" | "5546180" | "5719973"). PN. OR ("5850493").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L16	23	L2 and (((separation or separated or separating or separates or separate) near2 (distance or length or amount)) with ((fiber or fibers or fibre or fibres) and (lens or lenses)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L17	357	(385/34).CCLS.	USPAT	OR	OFF	2005/11/15 20:40
L18	99	(385/34).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/11/15 20:40
L19	10	("6115401" | "6185347" | "6282339" | "6295308" | "6347170" | "6421481" | "6454465" | "6532325" | "6535668" | "6542534").PN. OR ("6741771"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:40
L20	6	("5742712" | "5838847" | "6160929" | "6477289" | "6587614" | "6606446"). PN. OR ("6697549").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L21	1	("2002/0181865").URPN.	USPAT	OR	OFF	2005/11/15 20:41
L22	10	("20020094162" | "20020106153" | "20020181865" | "20030021531" | "5917626" | "5980117" | "6084994" | "6185347" | "6198858" | "6567586"). PN. OR ("6839485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41

L23	54	(US-20040240786-$ or US-20040208442-$ or US-20040179789-$ or US-20040114862-$ or US-20040062478-$ or US-20030152327-$ or US-20030026540-$ or US-20030021531-$ or US-20020186915-$ or US-20020181864-$ or US-20020181824-$ or US-20020094163-$ or US-20040101235-$ or US-20040086219-$ or US-20040008967-$ or US-20040252941-$ or US-20030072527-$ or US-20030063853-$ or US-20030059162-$ or US-20020181865-$ or US-20020106153-$).did. or (US-6836370-$ or US-6512868-$ or US-6404954-$ or US-6400867-$ or US-5500911-$ or US-6813400-$ or US-6795612-$ or US-6744566-$ or US-6631220-$ or US-6625352-$ or US-6621946-$ or US-6606446-$ or US-6567586-$ or US-6249625-$ or US-6168319-$ or US-6084994-$ or US-6546169-$ or US-6411749-$ or US-5845023-$ or US-5680492-$ or US-5611009-$ or US-5588081-$ or US-5588078-$ or US-5087109-$ or US-6477289-$ or US-6454465-$).did. or (US-6389188-$ or US-6292604-$ or US-6229934-$ or US-6157485-$ or US-5930422-$ or US-5850493-$ or US-6438290-$ or US-6741771-$ or US-6532325-$ or US-6701040-$ or US-6480650-$ or US-6469835-$ or US-6353692-$ or US-6192175-$ or US-6839485-$ or US-5917626-$).did.	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:41
L24	27	L23 and ((length) near2 (lens or GRIN or lenses))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L25	982	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((length near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((focal or focus) near2 (point or points or length or lengths)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L26	22	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((length near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((focal or focus) near2 (point or points or length or lengths)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L27	644	L25 and ((optical or optic) near2 (fiber or fibers or fibre or fibres))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L28	7	("5832153" | "6130984" | "6137941" | "6144794" | "6266474" | "6304709" | "6340248").PN. OR ("6584271").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41

L29	337	L25 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L30	68	(US-20040240786-$ or US-20040208442-$ or US-20040179789-$ or US-20040114862-$ or US-20040062478-$ or US-20030152327-$ or US-20030026540-$ or US-20030021531-$ or US-20020186915-$ or US-20020181864-$ or US-20020181824-$ or US-20020094163-$ or US-20040101235-$ or US-20040086219-$ or US-20040008967-$ or US-20040252941-$ or US-20030072527-$ or US-20030063853-$ or US-20030059162-$ or US-20020181865-$ or US-20020106153-$ or US-20050036738-$ or US-20050007675-$ or US-20040234204-$ or US-20040017969-$ or US-20030091318-$).did. or (US-20030076598-$).did. or (US-6836370-$ or US-6512868-$ or US-6404954-$ or US-6400867-$ or US-5500911-$ or US-6813400-$ or US-6795612-$ or US-6744566-$ or US-6631220-$ or US-6625352-$ or US-6621946-$ or US-6606446-$ or US-6567586-$ or US-6249625-$ or US-6168319-$ or US-6084994-$ or US-6546169-$ or US-6411749-$ or US-5845023-$ or US-5680492-$ or US-5611009-$ or US-5588081-$ or US-5588078-$ or US-5087109-$ or US-6477289-$ or US-6454465-$).did. or (US-6389188-$ or US-6292604-$ or US-6229934-$ or US-6157485-$ or US-5930422-$ or US-5850493-$ or US-6438290-$ or US-6741771-$ or US-6532325-$ or US-6701040-$ or US-6480650-$ or US-6469835-$ or US-6353692-$ or US-6192175-$ or US-6839485-$ or US-5917626-$ or US-6785441-$ or US-6584271-$ or US-6535668-$ or US-5963684-$ or US-5943454-$ or US-5479541-$ or US-5457759-$ or US-5359683-$ or US-5046798-$).did. or (EP-942299-$).did. or (US-20030091318-$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/11/15 20:41
L31	30	L30 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L32	5	L30 and (perpendicular near2 (end or ends or endface or end-face))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L33	1	("20030076598").PN.	US-PGPUB	OR	OFF	2005/11/15 20:41
L34	1	L33 and (focus or focal)	US-PGPUB	OR	OFF	2005/11/15 20:41
L35	0	L25 and (pitch near2 ("0.4"))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41

L36	1	L25 and (P near2 ("0.4"))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L37	42	L25 and ((pitch or p) near2 (range or ranges or is or mm))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L38	728	L25 and ("0.4" mm)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L39	21	L25 and ("0.4" adj mm)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L40	1	10/685,088	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L41	1	L40 and (predetermined adj distance)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L42	13	L30 and (calculated)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L43	7	L25 and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L44	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L45	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated or gap) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L46	7	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated or gap) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41

L47	7	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L48	6	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with predetermined) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L49	1	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with predetermined) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L50	4	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L51	494	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L52	7	L30 and ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L53	7	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) near2 (length or distance)) with (longer or different or shorter or less or greater))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L54	429	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) near2 (length or distance)) with (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L55	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((((calculated or predetermined) adj (focal or focus)) near2 (length or distance)) with (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41

L56	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L57	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L58	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater or larger or smaller))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L59	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater or larger or smaller))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:41
L60	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (longer or different or shorter or less or greater or larger or smaller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L61	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (longer or different or shorter or less or greater or larger or smaller or increase or increased or increasing or increases or decreased or decreases or decreasing or decrease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L62	21	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (length or distance or separation or gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41

L63	76	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) with (length or distance or separation or gap) near2 (different))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L64	91	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) with (length or distance or separation or gap) near2 (longer or exceeds or exceeding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L65	139	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) near2 (actual or effective))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L66	49	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((predetermined or calculated) near2 (distance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L67	6	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((displacement or displaced or displaces or displacing) near4 (focal or focus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:41
L68	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated) adj (distance or position)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42

L69	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated) adj (distance or position)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L70	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated or predetermined) adj (focal or focus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L71	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L72	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L73	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L74	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42

L75	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L76	46	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L77	76	(parabolic) with ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L78	0	L76 and L77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L79	76	(parabolic) with ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L80	1	("20030026540").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42
L81	0	L80 and parabolic	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42
L82	0	L80 and profile	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42

L83	3	L77 and tan	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42
L84	18	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) with (tan))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L85	254	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and (optical adj circulator)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L86	11584	((385/31) or (385/33-35) or (385/47) or (385/16) or (385/18) or (385/24) or (385/60) or (385/61) or (385/72-74) or (385/77-79) or (385/89) or (385/93) or (385/119)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L87	1312	L86 and ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L88	1150	L87 and (distance or length or separation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L89	1128	L88 and ((optical or optic) near2 (fiber or fibers or fibre or fibres))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L90	0	("2002/0181824").URPN.	USPAT	OR	OFF	2005/11/15 20:42
L91	982	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((length near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((focal or focus) near2 (point or points or length or lengths)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L92	1	("20030076598").PN.	US-PGPUB	OR	OFF	2005/11/15 20:42
L93	0	L91 and (pitch near2 ("0.4"))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L94	728	L91 and ("0.4" mm)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L95	1	10/685,088	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42

L96	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L97	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated or gap) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L98	7	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated or gap) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L99	4	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L100	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((((calculated or predetermined) adj (focal or focus)) near2 (length or distance)) with (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L101	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L102	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L103	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater or larger or smaller))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L104	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) near2 (longer or different or shorter or less or greater or larger or smaller))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42

L105	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (longer or different or shorter or less or greater or larger or smaller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L106	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated) adj (distance or position)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L107	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated) adj (distance or position)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L108	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) near4 ((estimated or calculated or predetermined) adj (focal or focus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L109	0	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L110	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42

L111	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L112	76	(parabolic) with ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L113	46	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L114	0	L113 and L112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L115	1	("20030026540").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42
L116	0	L115 and parabolic	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42
L117	0	L115 and profile	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42
L118	254	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and (optical adj circulator)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L119	1	("5845023").PN. OR ("6157485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L120	1	("2002/0181865").URPN.	USPAT	OR	OFF	2005/11/15 20:42

L121	1	L92 and (focus or focal)	US-PGPUB	OR	OFF	2005/11/15 20:42
L122	1	L91 and (P near2 ("0.4"))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L123	1	L95 and (predetermined adj distance)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L124	1	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with predetermined) same ((length or distance or separation or separated) with (longer or different or shorter)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L125	2	("2004/0114862").URPN.	USPAT	OR	OFF	2005/11/15 20:42
L126	16	("20040114862" | "5400133" | "5466815" | "5500911" | "5659645" | "5732172" | "5774607" | "5841591" | "5937123" | "6056437" | "6168318" | "6179483" | "6215853" | "6400867" | "6404954" | "6512868").PN. OR ("6836370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L127	6	("6404951" | "6442310" | "6483961" | "6487334").PN. OR ("6625352"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L128	17	("5446815" | "5682452" | "5692081" | "5737104" | "5857048" | "5917626" | "6023542" | "6084994" | "6122110" | "6148126" | "6168319" | "6185347" | "6192175" | "6229934" | "6246812" | "6249625").PN. OR ("6567586"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L129	23	("4239332" | "4290667" | "4378144" | "4420219" | "4611885" | "4641915" | "4818052" | "4896935" | "4961622" | "5359683" | "5420946" | "5479541"). PN. OR ("5611009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L130	18	("4946239" | "5117473" | "5177803" | "5371816" | "5546180" | "5719973"). PN. OR ("5850493").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L131	23	L87 and (((separation or separated or separating or separates or separate) near2 (distance or length or amount)) with ((fiber or fibers or fibre or fibres) and (lens or lenses)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L132	99	(385/34).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/11/15 20:42

L133	10	("6115401" | "6185347" | "6282339" | "6295308" | "6347170" | "6421481" | "6454465" | "6532325" | "6535668" | "6542534").PN. OR ("6741771"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L134	6	("5742712" | "5838847" | "6160929" | "6477289" | "6587614" | "6606446"). PN. OR ("6697549").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L135	10	("20020094162" | "20020106153" | "20020181865" | "20030021531" | "5917626" | "5980117" | "6084994" | "6185347" | "6198858" | "6567586"). PN. OR ("6839485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L136	54	(US-20040240786-$ or US-20040208442-$ or US-20040179789-$ or US-20040114862-$ or US-20040062478-$ or US-20030152327-$ or US-20030026540-$ or US-20030021531-$ or US-20020186915-$ or US-20020181864-$ or US-20020181824-$ or US-20020094163-$ or US-20040101235-$ or US-20040086219-$ or US-20040008967-$ or US-20040252941-$ or US-20030072527-$ or US-20030063853-$ or US-20030059162-$ or US-20020181865-$ or US-20020106153-$).did. or (US-6836370-$ or US-6512868-$ or US-6404954-$ or US-6400867-$ or US-5500911-$ or US-6813400-$ or US-6795612-$ or US-6744566-$ or US-6631220-$ or US-6625352-$ or US-6621946-$ or US-6606446-$ or US-6567586-$ or US-6249625-$ or US-6168319-$ or US-6084994-$ or US-6546169-$ or US-6411749-$ or US-5845023-$ or US-5680492-$ or US-5611009-$ or US-5588081-$ or US-5588078-$ or US-5087109-$ or US-6477289-$ or US-6454465-$).did. or (US-6389188-$ or US-6292604-$ or US-6229934-$ or US-6157485-$ or US-5930422-$ or US-5850493-$ or US-6438290-$ or US-6741771-$ or US-6532325-$ or US-6701040-$ or US-6480650-$ or US-6469835-$ or US-6353692-$ or US-6192175-$ or US-6839485-$ or US-5917626-$).did.	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:42
L137	27	L136 and ((length) near2 (lens or GRIN or lenses))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L138	22	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((length near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((focal or focus) near2 (point or points or length or lengths)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:42
L139	7	("5832153" | "6130984" | "6137941" | "6144794" | "6266474" | "6304709" | "6340248").PN. OR ("6584271").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42

L140	68	(US-20040240786-$ or US-20040208442-$ or US-20040179789-$ or US-20040114862-$ or US-20040062478-$ or US-20030152327-$ or US-20030026540-$ or US-20030021531-$ or US-20020186915-$ or US-20020181864-$ or US-20020181824-$ or US-20020094163-$ or US-20040101235-$ or US-20040086219-$ or US-20040008967-$ or US-20040252941-$ or US-20030072527-$ or US-20030063853-$ or US-20030059162-$ or US-20020181865-$ or US-20020106153-$ or US-20050036738-$ or US-20050007675-$ or US-20040234204-$ or US-20040017969-$ or US-20030091318-$).did. or (US-20030076598-$).did. or (US-6836370-$ or US-6512868-$ or US-6404954-$ or US-6400867-$ or US-5500911-$ or US-6813400-$ or US-6795612-$ or US-6744566-$ or US-6631220-$ or US-6625352-$ or US-6621946-$ or US-6606446-$ or US-6567586-$ or US-6249625-$ or US-6168319-$ or US-6084994-$ or US-6546169-$ or US-6411749-$ or US-5845023-$ or US-5680492-$ or US-5611009-$ or US-5588081-$ or US-5588078-$ or US-5087109-$ or US-6477289-$ or US-6454465-$).did. or (US-6389188-$ or US-6292604-$ or US-6229934-$ or US-6157485-$ or US-5930422-$ or US-5850493-$ or US-6438290-$ or US-6741771-$ or US-6532325-$ or US-6701040-$ or US-6480650-$ or US-6469835-$ or US-6353692-$ or US-6192175-$ or US-6839485-$ or US-5917626-$ or US-6785441-$ or US-6584271-$ or US-6535668-$ or US-5963684-$ or US-5943454-$ or US-5479541-$ or US-5457759-$ or US-5359683-$ or US-5046798-$).did. or (EP-942299-$). did. or (US-20030091318-$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/11/15 20:42
L141	30	L140 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L142	5	L140 and (perpendicular near2 (end or ends or endface or end-face))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L143	42	L91 and ((pitch or p) near2 (range or ranges or is or mm))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L144	21	L91 and ("0.4" adj mm)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L145	13	L140 and (calculated)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42

L146	7	L91 and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L147	7	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with calculated) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L148	6	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) with predetermined) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:42
L149	7	L140 and ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L150	7	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) near2 (length or distance)) with (longer or different or shorter or less or greater))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L151	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (longer or different or shorter or less or greater or larger or smaller or increase or increased or increasing or increases or decreased or decreases or decreasing or decrease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L152	21	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((calculated or predetermined) adj (focal or focus)) with (length or distance or separation or gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L153	76	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) with (length or distance or separation or gap) near2 (different))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43

L154	91	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) with (length or distance or separation or gap) near2 (longer or exceeds or exceeding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L155	49	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((predetermined or calculated) near2 (distance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L156	6	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) with ((displacement or displaced or displaces or displacing) near4 (focal or focus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L157	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L158	3	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) same ((displacement or displaced or displaces or displacing) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L159	46	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((displacement or displaced or displaces or displacing or displace) with ((estimated or calculated or predetermined) adj (focal or focus or length or position or distance or location)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43

L160	76	(parabolic) with ((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L161	3	L112 and tan	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:43
L162	18	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) with (tan))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L163	139	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) adj (length or lengths)) near2 (actual or effective))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L164	388	L89 and ((lens or lenses) near2 (length or thickness))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L165	573	L89 and (mirror or dichroic)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L166	379	L165 not L164	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L167	357	(385/34).CCLS.	USPAT	OR	OFF	2005/11/15 20:43
L168	337	L91 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L169	494	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and ((focal or focus) same ((length or distance or separation or separated) with (longer or different or shorter)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43

L170	429	((GRIN or (graded adj index) or (gradient adj index)) near2 (lens or lenses or micro-lens or micro-lenses or microlens or microlenses)) and (((focal or focus) near2 (length or distance)) with (longer or different or shorter or less or greater))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L171	573	L89 and (mirror or dichroic)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L172	644	L91 and ((optical or optic) near2 (fiber or fibers or fibre or fibres))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/15 20:43
L173	1077	(L86 or L87 or L88 or L89 or L165 or L164 or L125 or L126 or L90 or L127 or L128 or L129 or L166 or L119 or L130 or L131 or L167 or L132 or L133 or L134 or L120 or L135 or L136 or L137 or L91 or L138 or L172 or L139 or L168 or L140 or L141 or L142 or L92 or L121 or L93 or L122 or L143 or L94 or L144 or L95 or L123 or L145 or L146 or L96 or L97 or L98 or L147 or L148 or L124 or L99 or L169 or L149 or L150 or L170 or L100 or L101 or L102 or L103 or L104 or L105 or L151 or L152 or L153 or L154 or L163 or L155 or L156 or L106 or L107 or L108 or L109 or L157 or L158 or L110 or L111 or L113 or L112 or L114 or L160 or L115 or L116 or L117 or L161 or L162 or L118) and @pd>"20050309"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43

L174	82	(US-20020094163-$ or US-20020106153-$ or US-20020176151-$ or US-20020181824-$ or US-20020181864-$ or US-20020181865-$ or US-20020186915-$ or US-20030021531-$ or US-20030026540-$ or US-20030059162-$ or US-20030063853-$ or US-20030072527-$ or US-20030076598-$ or US-20030091318-$ or US-20030152327-$ or US-20040008967-$ or US-20040017969-$ or US-20040062478-$ or US-20040086219-$ or US-20040101235-$ or US-20040114862-$ or US-20040174609-$ or US-20040179789-$ or US-20040208442-$ or US-20040234204-$ or US-20040240786-$).did. or (US-20040252941-$ or US-20050007675-$ or US-20050036738-$).did. or (US-5046798-$ or US-5087109-$ or US-5359683-$ or US-5457759-$ or US-5479541-$ or US-5500911-$ or US-5588078-$ or US-5588081-$ or US-5611009-$ or US-5680492-$ or US-5845023-$ or US-5850493-$ or US-5917626-$ or US-5930422-$ or US-5943454-$ or US-5963684-$ or US-6084994-$ or US-6157485-$ or US-6168319-$ or US-6192175-$ or US-6229934-$ or US-6249625-$ or US-6292604-$ or US-6353692-$ or US-6389188-$ or US-6400867-$).did. or (US-6404954-$ or US-6411749-$ or US-6438290-$ or US-6454465-$ or US-6469835-$ or US-6477289-$ or US-6480650-$ or US-6512868-$ or US-6532325-$ or US-6535668-$ or US-6546169-$ or US-6567586-$ or US-6584271-$ or US-6606446-$ or US-6621946-$ or US-6625352-$ or US-6631220-$ or US-6701040-$ or US-6741771-$ or US-6744566-$ or US-6785441-$ or US-6795612-$ or US-6813400-$ or US-6836370-$ or US-6839485-$).did. or (EP-942299-$).did. or (US-20030091318-$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/11/15 20:43
L175	6	(L174 or L173) and ((lens or GRIN or lenses) with ((length or pitch) near2 ("0.1" or "0.11" or "0.12" or "0.13" or "0.14" or "0.15" or "0.16" or "0.17" or "0.18" or "0.19" or "0.2" or "0.20" or "0.21" or ".1" or ".2" or ".21" or ".20" or ".11" or ".12" or ".13" or ".14" or ".15" or ".16" or ".17" or ".18" or ".19" or ".10" or "0.10")))	USPAT	OR	OFF	2005/11/15 20:43
L176	9	(L174 or L173) and ((lens or GRIN or lenses) with ((length or pitch) near2 ("0.1" or "0.11" or "0.12" or "0.13" or "0.14" or "0.15" or "0.16" or "0.17" or "0.18" or "0.19" or "0.2" or "0.20" or "0.21" or ".1" or ".2" or ".21" or ".20" or ".11" or ".12" or ".13" or ".14" or ".15" or ".16" or ".17" or ".18" or ".19" or ".10" or "0.10")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 20:43
L177	2	("2004/0114862").URPN.	USPAT	OR	OFF	2005/11/15 20:43
L178	1	"20030026540"	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:43

L179	1	L178 and loss	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:43
L180	1	L178 and return	US-PGPUB; USPAT	OR	OFF	2005/11/15 20:43
L181	465	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180) and @pd>"20050802"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 21:00
L182	92	181 and (grin or (gradient near3 lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 21:01